



Jacobi, Toombs & Lanz

Water Resources Design Engineer

Reports To: Water Resources Team Leader

Education Req.: Bachelor of Science - Civil Engineering (or higher)

Licensure Req.: Professional Engineer (desired) in Indiana or Kentucky (or able to achieve within 1 year)

Experience: Minimum of 3 years of experience in water and/or wastewater design.

Description: With a technical background and experience in water resource engineering, the Water Resources Design Engineer will be responsible for supporting water, wastewater, and stormwater design projects as part of a design team, ensuring quality and timely completion of projects. Tasks may include utility infrastructure main design, pumping station design, regulatory and municipal permitting, treatment plant design, watershed analysis and drainage design, and all other projects and tasks assigned by the Water Resources Team Leader.

Responsibilities:

- Perform broad, varied, and diverse engineering design tasks and calculations on assigned projects under general supervision, including engineering drawings, reports, technical specifications, and applications to regulatory and/or funding agencies
- Proficiency with the execution of planning, design, bidding, and construction administration phases of water resources projects, including document preparation
- Prepare cost opinions and write technical documents
- Work with engineering and surveying support staff
- Awareness of Project Budget and Scoping
- Learn and utilize other engineering programs as necessary

Skills:

- Ability to make engineering decisions
- Understanding of application processes for regulatory and funding agencies is desired
- Excellent oral and written communication and interpersonal skills
- Highly organized and attentive to detail
- Ability to effectively manage multiple projects and tasks, while meeting budget and schedule constraints
- Microsoft Office Suite and general computer operation proficiency
- AutoCAD Civil 3D Proficiency

including pump station design, system modeling, stormwater design, collection system and distribution/transmission main design, general knowledge of treatment plant design, and various water resource tasks (desired)

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About Jacobi, Toombs and Lanz:

Jacobi, Toombs and Lanz, Inc., Consulting Engineers and Land Surveyors is a Civil Engineering firm with over 60 years of experience. We have a proven record in the planning, design, and construction supervision of diversified projects, covering the full range of municipal infrastructure.

The firm was established in 1955 as a sole proprietorship, and today, as a private corporation, has offices in Indiana and Kentucky with a staff of nearly 50 employees. Our clients include Federal, State and local agencies, developers, utility companies, and private firms.

Jacobi, Toombs & Lanz, Inc. is an equal opportunity employer and we do not discriminate on the basis of race, color, religion, sex or national origin.

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www.jtleng.com

For consideration, please email resume to careers@jtleng.com.

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Physical Requirements:

- Ability to traverse uneven terrain
- Ability to lift 50 pounds or more in the field
- Ability to travel to jobsites throughout Indiana and Kentucky
- Ability to work 40 hours or more per week as needed

Compensation & Benefits: JTL offers a competitive compensation and benefits package which includes employee healthcare, dental, vision, life insurance, 401k, vacation, performance-based bonuses and other items. Pay is based on experience.

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